BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate

Name of Work: Suppy of Water through Water Tanker at Balaji Layout and Bhadrappa Layout at Kodigehalli in Ward no 08

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	2.00	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting gvenner or schiberger's method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality and acceptability of the users indicating the licating the location of site, recommended depth of 1.0 mtrs in consolidated formation for proper seating of casting pipe, depth of drilling required to cover full depth of acquifer proposed to be tapped, probate yield and other information required including transportation and accessories to work site, engaging technical personal and labour required etc	No	1938.46	Rupees One Thousand Nine Hundred Thirty Eight and Forty Six Paise Only
2	100.00	Sinking borewell of 165mm dia clear using super fast Hydrolic rig of capacity 250 PSIG na above 900 CFM and abaove in all strats including over burden upto 20M. fixing of casing pipes collars and cap with necessary, cutting and threading including transportation of rig and supporting vehicles, crew charges and cost of consumbables etclm complete including yield testing at the final depth with a minimum work in on compression for an hour (excluding cost of casing pipes collars cap etc.) 0.00 to 50.00 mtrs	Rmtr	315.18	Rupees Three Hundred Fifteen and Eighteen Paise Only
3	100.00	50.00 to 100.00 mtr	Rmtr	412.00	Rupees Four Hundred Twelve Only
4	100.00	100.00 to 150.00 mtr	Rmtr	458.35	Rupees Four Hundred Fifty Eight and Thirty Five Paise Only
5	100.00	150.00 to 200.00 mtr	Rmtr	484.10	Rupees Four Hundred Eighty Four and Ten Paise Only
6	100.00	200.00 to 250.00 mtr	Rmtr	560.32	Rupees Five Hundred Sixty and Thirty Two Paise Only
7	60.00	251.00 to 300.00 mtr	Rmtr	600.49	Rupees Six Hundred and Forty Nine Paise Only
8	20.00	Additional Rate item no.9.1 is allowed for drilling in over burden and fixing casing pipes beyond 20 M (for fixinig casing pipes only (a) Above 20M upto 30 M -15% (b) Above 30M -30% Ref PRED SR 2011-12 (Page no.48,)Note-1 20.00 to 30.00 mtr	Rmtr	47.28	Rupees Forty Seven and Twenty Seven Paise Only
9	62.00	above 30.00 mtr	Rmtr	94.55	Rupees Ninety Four and Fifty Five Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
10	152.00	Supplying of ISI Mark 175 mm nominal bore, Plain end steel casing pipe - grade of steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments. electric resistance welded steel tube material and confirming to IS 1387/1993 and cmanufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mtrs. Both ends threaded confirming to IS 554/1985. one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking. weighing 25.10kg/mtr. (Inclusive of all taxes and durties) Prices include collar-medium duty	Mtr	1325.00	Rupees One Thousand Three Hundred Twenty Five Only
11	660.00	Providing and fixing in trenches galvanised / mild steel tubes (Medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing specification No.KBS 13.2.14 /13.6	Rmtr	411.28	Rupees Four Hundred Eleven and Twenty Eight Paise Only
12	8.00	Providing 175mm dia MS cap	Each	100.00	Rupees One Hundred Only
13	1495.00	Supply and drawing 3 core flat sheathed submersible pump cable manufactured with celectrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts as per 1x3x4 sqmm of 56 strands 0.3mm dia Group A	Mtr	126.70	Rupees One Hundred Twenty Six and Seventy Paise Only
14	4.00	Atalanta, Suguna, CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5KV(20 stage)	No	49955.00	Rupees Forty Nine Thousand Nine Hundred Fifty Five Only
15	12.00	Supplying and fixing wiring earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	Each	2727.00	Rupees Two Thousand Seven Hundred Twenty Seven Only
16	14.00	Supplying and fixing 20"x20"x2.5" polished wood board made up not less than 15mm thick plank with front plank one end provided for olding at other end fixing the same of the valve using through bolts and nuts	Each	302.00	Rupees Three Hundred Two Only
17	20.00	Supplying of 1.1 KV LTUG Cable having alluminium conductor PVC insulated extruded inner sheathed , galvanized, steel strip (except 2C X 10sq.mm wire armoured) confirming to IS-3975:1990(No.of Strip indicated in GTP) & extruded PVC outer sheathed armored cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm	Mtr	140.40	Rupees One Hundred Forty and Forty Paise Only
18	20.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/on wall/on poles as required. In existing trench/duct. 6 sqmm to 16sqmm	Mtr	10.80	Rupees Ten and Eighty Paise Only
19	12.00	Supplying and fixing of procelin fuse channel with cutouts on existing wooden/panel using necessary nuts, bolts and washers. 63Amps	Each	234.00	Rupees Two Hundred Thirty Four Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
20	14.00	Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications	No	1345.14	Rupees One Thousand Three Hundred Forty Five and Fourteen Paise Only
21	12.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40-63Amps TPN	Each	1936.00	Rupees One Thousand Nine Hundred Thirty Six Only
22	75.24	Cutting of road surface for pipe line trenches and disposing of the excavated stuff as directed invluding barricding, danger lighting etc., in the cement concrete road	Cum	727.16	Rupees Seven Hundred Twenty Seven and Sixteen Paise Only
23	310.07	Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches , stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifacations	Cum	475.94	Rupees Four Hundred Seventy Five and Ninety Four Paise Only
24	836.00	Supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at joints testing and commissioning including loading and unloading at both destination and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approval type with all labour with all lead and lift including encasing the pipe alround to a depth of not less than 15 cms with soft gravel or selected earth available from the excavation etc., compelte and giving necessary hydraluic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing)	Mtr	73.00	Rupees Seventy Three Only
25	150.48	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item	Cum	128.26	Rupees One Hundred Twenty Eight and Twenty Six Paise Only
26	75.24	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement 180kgs,with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @o.57 cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost all materials, labour, HOM of machinery, curing complete as per specifications	Cum	5408.12	Rupees Five Thousand Four Hundred Eight and Twelve Paise Only
27	50.16	Providing and laying in position plain cement concret of mix 1:2:4 with cement @ 240kgs with 20mm and down size graded granite metal coarse agregates @ 0.69cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exeeding 15 cm thick well compacted in foundation and plinth and cills, including cost all materilas, labour, HOM of machinery, curing complete as per specifications	Cum	5747.32	Rupees Five Thousand Seven Hundred Forty Seven and Thirty Two Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
28	72.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete (internal work exposed on wall) 20mm nominal OD pipes	Rmtr	166.42	Rupees One Hundred Sixty Six and Forty Two Paise Only
29	60.00	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.19 / 13.16	Each	201.40	Rupees Two Hundred One and Forty Paise Only
30	6.48	Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 35 with cement mortar 1:6 including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Cum	6584.72	Rupees Six Thousand Five Hundred Eighty Four and Seventy Two Paise Only
31	86.40	Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to stone masonry including rounding off corner wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	249.10	Rupees Two Hundred Forty Nine and Ten Paise Only
32	60.00	Lead for disposal of debris shall be payable at carrage rates by mechanical means including loading and unloading From 13.30 Kms	Cum	91.05	Rupees Ninety One and Five Paise Only

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Note:

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

" DTS APPROVED "

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.